

I CLAIM:

1. A light-guiding structure having a light-guiding plate for the floor-pan edge of a car employing micro LEDs as light source body and having projection light source at the two ends of the thin light-guiding plate and
5 the bottom section of the light-guiding plate being a reflective matte surface for focusing reflected light, characterized in that an opaque plate on the door panel is provided with characters formed from through holes and the bottom of the plate is mounted with a transparent plate with embossed characters and the embossed characters are in aligned with the
10 through hole characters of the opaque plate, and the bottom section of the transparent plate is mounted with a disperse film with a transparent light-guiding plate at the bottom thereof, and the two ends of the light-guiding plate are mounted with a light source body, the bottom section of the light-guiding plate is provided with a separated reflective
15 matte face corresponding to the embossed characters, and a covering cap covers the light-guiding plate, the light source body, the disperse film to the bottom face of the opaque plate.
2. The light-guiding structure of claim 1, wherein the two ends of the bottom section of the transparent plate are protruded with a positioning
20 peg, passing through the disperse film and the light-guiding plate or light

source body for positioning.

3. The light-guiding structure of claim 1, wherein the two sides of the bottom face of the disperse film are provided with electric conductive material across the bottom face of the disperse film and the two ends of the conductive material are electrically connected to the connection point of the light source body at the two ends of the light-guiding plate.
4. The light-guiding structure of claim 1, wherein the bottom face of the light-guiding plate corresponding to the position and the shape of the embossed characters is provided with a separate reflective matte surface forming from micro protrusions or recesses.
5. The light-guiding structure of claim 1, wherein the cover cap is made from thin metal plate formed as a unit having the shape similar to the light-guiding plate but of larger bottom surface with upright thin wall for covering the transparent plate, the disperse film and the light-guiding plate and is mounted below the door panel using silicon gel.